

WHAT IS CLAIMED IS:

1. A data reproducing apparatus comprising:  
a buffer memory which stores digital data of a reproduction object;

5 a storage unit which stores data for determining to determining a reproduction prohibition object data pattern;

a determining unit which uses the data for determining to determine whether or not the digital data stored in the buffer memory includes the reproduction prohibition object data pattern; and

10 a control unit which processes data corresponding to the reproduction prohibition object data pattern in accordance with a determining result of the determining unit and executes reproduction processing of the digital data except for the reproduction prohibition object data pattern.

2. The data reproducing apparatus according to claim 1, wherein the data for determining includes a data pattern for determining to identify the reproduction prohibition object data pattern, and

20 the determining unit compares an object data pattern prepared from the digital data with the data pattern for determining, and determines that the object data pattern is the reproduction prohibition object data pattern, when the object data pattern is identical or similar to the data pattern for determining.

3. The data reproducing apparatus according to claim 1, further comprising:

a unit which prepares an object data pattern from the digital data,

5           wherein the determining unit compares the object data pattern with the data pattern for determining included in the data for determining, and determines that the object data pattern is the reproduction prohibition object data pattern, when the object data  
10           pattern is identical or similar to the data pattern for determining.

4. The data reproducing apparatus according to claim 1, wherein the storage unit stores the data for determining capable of identifying any of an image data  
15           pattern, a character string data pattern, and a pattern for detection of flash video as the reproduction prohibition object data pattern.

5. The data reproducing apparatus according to claim 1, further comprising:

20           a unit which prepares an object data pattern which is a shape image data pattern constituted of contours from the digital data,

          wherein the storage unit stores the data for determining including a data pattern for determining to  
25           identify an image data pattern as the reproduction prohibition object data pattern, and

          the determining unit compares the object data

pattern with the data pattern for determining, and  
determines that the object data pattern is the  
reproduction prohibition object data pattern, when the  
object data pattern is identical or similar to the data  
5 pattern for determining.

6. The data reproducing apparatus according to  
claim 1, wherein the control unit executes processing  
to remove data corresponding to the reproduction  
prohibition object data pattern from the digital data.

10 7. The data reproducing apparatus according to  
claim 1, wherein the control unit executes processing  
to change data corresponding to the reproduction  
prohibition object data pattern to another data  
pattern.

15 8. The data reproducing apparatus according to  
claim 1, further comprising:

a unit which detects a candidate data pattern  
constituting a candidate of a reproduction prohibition  
object including some of reproduction prohibition  
20 conditions from the digital data,

wherein the determining unit determines whether or  
not the candidate data pattern is the reproduction  
prohibition object data pattern based on the  
reproduction prohibition conditions included in the  
25 data for determining.

9. The data reproducing apparatus according to  
claim 1, further comprising:

a unit which detects a candidate data pattern constituting a candidate of a reproduction prohibition object including some of reproduction prohibition conditions from the digital data,

5            wherein the determining unit determines whether or not the candidate data pattern is identical or similar to the reproduction prohibition object data pattern set beforehand based on the reproduction prohibition conditions included in the data for determining.

10           10. The data reproducing apparatus according to claim 1, further comprising:

             a unit which converts the digital data reproduced/processed by the control unit to a reproducing signal to reproduce/output the signal on a display screen of a display device.

15           11. The data reproducing apparatus according to claim 1, further comprising:

             a disk drive in which the digital data input from the outside is stored.

20           12. A method of reproducing digital data comprising:

             storing the digital data which is a reproduction object in a buffer memory;

             preparing an object data pattern from the digital data;

25           comparing a data pattern for determining to identify a reproduction prohibition object data pattern

with the object data pattern, and determining that the  
object data pattern is the reproduction prohibition  
object data pattern, when the data pattern for  
determining is identical or similar to the object data  
5 pattern; and

processing data corresponding to the reproduction  
prohibition object data pattern to execute reproduction  
processing of the digital data except for the  
reproduction prohibition object data pattern.

10 13. A method according to claim 12, wherein the  
preparing comprises: preparing the object data pattern  
which is a shape image data pattern constituted of  
contours from the digital data.

15 14. A method according to claim 12, wherein the  
processing comprises: executing processing to remove  
data corresponding to the reproduction prohibition  
object data pattern from the digital data.

20 15. A method according to claim 12, wherein the  
processing comprises: executing processing to change  
data corresponding to the reproduction prohibition  
object data pattern to another data pattern.

16. A method according to claim 12, further  
comprising:

25 detecting a candidate data pattern which is a  
candidate for a reproduction prohibition object  
including some of reproduction prohibition conditions  
from the digital data; and

determining whether or not the candidate data pattern is identical or similar to the reproduction prohibition object data pattern set beforehand.